

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4	"808688".ap. and (mode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 09:42
S2	1	"808688".ap. and (first adj driving adj mode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 08:51
S3	1511	348/302.ccls. 348/303.ccls. 348/308.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 12:50
S4	24036116	@ad<"20030402"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 08:53
S5	2717	(plurality or multiple or four) near output near channels	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 13:12
S6	22185	(read or (reading)) with (out or output) with parallel\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 09:00
S7	2	S3 and S4 and S5 and S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 13:15
S8	15	("3715485"   "3935381"   "3988619"   "4011441"   "4011442"   "4067046"   "4189749"   "4426664"   "4603354"   "4712135"   "4734772"   "4819059"   "4942473"   "4996600"   "5019911").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/21 09:02

## EAST Search History

S9	0	S8 and S5 and S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 09:02
S10	14	("5019911").URPN.	USPAT	OR	ON	2007/08/21 09:03
S11	0	S3 and S4 and S5 and (driving near mode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 09:07
S12	5	S3 and S4 and S5 and (mode or type or method or condition or state or way)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 09:11
S13	4	("4541010"   "5434619"   "5790191"   "5953060").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/21 09:15
S14	0	"808688".ap. and (CMOS or CCD)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 09:43
S15	2	"6512546".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 09:44
S16	5	"08182005"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 09:45
S17	2	"09004680"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 09:46

## EAST Search History

S18	4	"2000012819"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 09:47
S19	3	"2000032344"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 09:47
S20	4	("4541010"   "5434619"   "5790191"   "5953060").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/21 12:38
S21	5	("6466265").URPN.	USPAT	OR	ON	2007/08/21 12:39
S22	2057	(plurality or multiple or four) near (output adj channels)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 12:45
S23	4	S3 and S4 and S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 12:46
S24	206	(parallel) near (output adj channels)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 12:45
S25	4	S3 and S4 and S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 12:46
S26	435	348/308.ccls. and @ad<"20030402" and ((plurality or multiple or four or "4") with output)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 14:23

## EAST Search History

S27	119	348/308.ccls. and @ad<"20030402" and ((plurality or multiple or four or "4") near output)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 12:56
S28	21940	(plurality or multiple or four) near output near (terminal or port or section or channels or mean or line or circuit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 13:14
S29	41	S3 and S4 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 14:17
S30	2	"912341".ap. and (output adj section)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 15:02
S31	15	348/308.ccls. and @ad<"20030402" and ((plurality or multiple or four or "4") with (readout near lines))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 14:29
S32	1	"122722".ap. and (readout)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 15:03
S33	2	"122722".ap. and (read near out)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 15:06
S34	1	"122722".ap. and (reading near out)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 15:07

## EAST Search History

S35	6	"122722".ap. and (control\$4 or switch\$3 or select\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 15:38
S36	0	"122722".ap. and (simu\$9)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 15:40
S37	2	"122722".ap. and (simultaneously)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 15:54
S38	3	"122722".ap. and (filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 15:46
S39	1	"122722".ap. and (shift)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 16:01
S40	7	"122722".ap. and (R or G or B)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 16:05
S41	1	"122722".ap. and (Bayer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 16:06
S42	6	"122722".ap. and (block or area or region)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 16:07

## EAST Search History

S43	54	348/308.ccls. and @ad<"20030402" and ((transfer near switch))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/24 14:13
S44	34	348/308.ccls. and @ad<"20030402" and (line near (memories or memory))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/24 14:14
S45	3	S43 and S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/24 14:16
S46	2	"6952228".pn. and (output or readout)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/24 14:17
S47	0	"6952228".pn. and ((output or readout) with channel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/24 14:17
S48	1	348/308.ccls. and ((driv\$3 near mode) with (free\$2 or unrestricted or advisedly or discretion or pleasure or candidly or deliberately or designedly or fancy-free or frankly or intentionally or openly or plainly or purposely or spontaneously or unchallenged or unreservedly or voluntarily or willingly) near3 (set or setting or decide or agree upon or allocate or allot or appoint or arrange or assign or conclude or decree or designate or determine or dictate or direct or establish or estimate or fix or fix price or impose or instruct or lay down or make or name or ordain or prescribe or price or rate or regulate or resolve or schedule or settle or specify or stipulate or value))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/14 15:56

## EAST Search History

S49	0	348/308.ccls. and ((read\$2out) with (free\$2 or unrestricted or advisedly or discretion or pleasure or candidly or deliberately or designedly or fancy-free or frankly or intentionally or openly or plainly or purposely or spontaneously or unchallenged or unreservedly or voluntarily or willingly) near3 (set or setting or decide or agree upon or allocate or allot or appoint or arrange or assign or conclude or decree or designate or determine or dictate or direct or establish or estimate or fix or fix price or impose or instruct or lay down or make or name or ordain or prescribe or price or rate or regulate or resolve or schedule or settle or specify or stipulate or value))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/14 15:57
S50	0	348/308.ccls. and ((read\$3out) with (free\$2 or unrestricted or advisedly or discretion or pleasure or candidly or deliberately or designedly or fancy-free or frankly or intentionally or openly or plainly or purposely or spontaneously or unchallenged or unreservedly or voluntarily or willingly) near3 (set or setting or decide or agree upon or allocate or allot or appoint or arrange or assign or conclude or decree or designate or determine or dictate or direct or establish or estimate or fix or fix price or impose or instruct or lay down or make or name or ordain or prescribe or price or rate or regulate or resolve or schedule or settle or specify or stipulate or value))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/14 15:58

## EAST Search History

S51	261	"348"/\$.ccls. and (((read\$3out) or output) with (free\$2 or unrestricted or advisedly or discretion or pleasure or candidly or deliberately or designedly or fancy-free or frankly or intentionally or openly or plainly or purposely or spontaneously or unchallenged or unreservedly or voluntarily or willingly) near3 (set or setting or decide or agree upon or allocate or allot or appoint or arrange or assign or conclude or decree or designate or determine or dictate or direct or establish or estimate or fix or fix price or impose or instruct or lay down or make or name or ordain or prescribe or price or rate or regulate or resolve or schedule or settle or specify or stipulate or value))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/14 16:01
S52	1	"348"/294.ccls. and (((read\$3out) or output) with (free\$2 or unrestricted or advisedly or discretion or pleasure or candidly or deliberately or designedly or fancy-free or frankly or intentionally or openly or plainly or purposely or spontaneously or unchallenged or unreservedly or voluntarily or willingly) near3 (set or setting or decide or agree upon or allocate or allot or appoint or arrange or assign or conclude or decree or designate or determine or dictate or direct or establish or estimate or fix or fix price or impose or instruct or lay down or make or name or ordain or prescribe or price or rate or regulate or resolve or schedule or settle or specify or stipulate or value))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 10:43



## EAST Search History

S53	8904	"348"/\$.ccis. and (((read\$3out) or output or (mode)) with (select\$3 or free\$2 or unrestricted or advisedly or discretion or pleasure or candidly or deliberately or designedly or fancy-free or frankly or intentionally or openly or plainly or purposely or spontaneously or unchallenged or unreservedly or voluntarily or willingly) near3 (set or setting or decide or agree upon or allocate or allot or appoint or arrange or assign or conclude or decree or designate or determine or dictate or direct or establish or estimate or fix or fix price or impose or instruct or lay down or make or name or ordain or prescribe or price or rate or regulate or resolve or schedule or settle or specify or stipulate or value))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/14 16:05
S54	24077082	@ad<"20030402"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/14 16:02
S55	9355662	"6" and "7"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/14 16:04

## EAST Search History

S56	8904	"348"/\$.ccls. and (((read\$3out) or output or (mode)) with (select\$3 or free\$2 or unrestricted or advisedly or discretion or pleasure or candidly or deliberately or designedly or fancy-free or frankly or intentionally or openly or plainly or purposely or spontaneously or unchallenged or unreservedly or voluntarily or willingly) near3 (set or setting or decide or agree upon or allocate or allot or appoint or arrange or assign or conclude or decree or designate or determine or dictate or direct or establish or estimate or fix or fix price or impose or instruct or lay down or make or name or ordain or prescribe or price or rate or regulate or resolve or schedule or settle or specify or stipulate or value))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/14 16:05
S57	24077082	@ad<"20030402"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/14 16:04
S58	6299	S56 and S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/14 16:04
S59	2565	"348"/\$.ccls. and (((read\$3out) or output or mode) with (select\$3 near3 set))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/14 16:06
S60	0	"348"/294ccls. and (((read\$3out) or output or mode) with (select\$3 near3 set))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/14 16:06
S61	30	"348"/294.ccls. and (((read\$3out) or output or mode) with (select\$3 near3 set))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/14 16:07

## EAST Search History

S62	41	"348"/308.ccls. and (((read\$3out) or output or mode) with (select\$3 near3 set))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/14 16:07
S64	29	S62 and S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 10:39
S65	24077469	@ad<"20030402"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 10:35
S66	30	"348"/294.ccls. and (((read\$3out) or output or mode) with (select\$3 near3 set))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 10:36
S67	23	S66 and S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 10:35
S68	41	"348"/308.ccls. and (((read\$3out) or output or mode) with (select\$3 near3 set))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 10:37
S69	29	S65 and S68	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 10:40

## EAST Search History

S70	22	pixel and different with (((read\$3out) or output) near channel) with (set or setting or decide or allocate or allot or appoint or arrange or assign or designate or determine or dictate or direct or establish or estimate or fix or impose or instruct or make or ordain or prescribe or regulate or specify)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 10:48
S71	15	S65 and S70	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 10:47
S72	2	pixel with (different near5 (((read\$3out) or output) near channel) with (set or setting or decide or allocate or allot or appoint or arrange or assign or designate or determine or dictate or direct or establish or estimate or fix or impose or instruct or make or ordain or prescribe or regulate or specify))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 10:52
S73	3	(348/294.ccls. or 348/308.ccls.) and S65 and (different near5 (((read\$3out) or (output near channel)) with (set or setting or decide or allocate or allot or appoint or arrange or assign or designate or determine or dictate or direct or establish or estimate or fix or impose or instruct or make or ordain or prescribe or regulate or specify)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 11:06
S74	1	10/122722	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 10:55
S75	1	10/122722 and (select\$3 or set or setting or decid\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 11:13

## EAST Search History

S76	1	10/122722 and (select\$3 or switch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 11:14
S77	1	10/122722 and ((select\$3 or switch\$3) near5 between)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 11:23
S78	1	10/122722 and ((selectively or switchable))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 11:25
S79	1	10/122722 and ((chang\$3 or adjust\$3) with (output or channel or read\$3out))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 11:31
S80	3204	"348"/\$.ccls. and ((chang\$3 or adjust\$3) with number with (output or channel or read\$3out))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 11:32
S81	33	"348"/294.ccls. and ((chang\$3 or adjust\$3) with number with (output or channel or read\$3out))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 11:32
S82	26	"348"/308.ccls. and ((chang\$3 or adjust\$3) with number with (output or channel or read\$3out))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 11:32
S83	19	S81 and S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 12:04

## EAST Search History

S84	14	S82 and S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 11:33
S85	3	"7012635".pn. and (read\$3out or output or channel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 12:05
S86	3	"7012635".pn. and (output or plurality)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/29 14:44
S87	1	10/122722 and (switch or control or setting or controller)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/06 11:33
S88	1	10/122722 and ((switch or switch\$3 or control or setting or control\$3) with (output or channel))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/06 11:53
S89	1	10/122722 and ((control near circuit) or "200")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/06 12:14
S90	0	10/122722 and (output near5 channel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/06 12:15
S91	1	10/122722 and (output or channel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/06 12:16

## EAST Search History

S92	1	10/122722 and (output near line)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/06 12:46
S93	0	10/122722 and (control\$3 near5 (output near line))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/06 12:20
S94	1	10/122722 and (control\$3 with (output near line))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/06 12:25
S95	1	10/122722 and (chang\$3 with (output near line))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/06 12:26
S96	1	10/122722 and (switch\$3 with (output near line))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/06 12:40
S97	1	10/122722 and (readout near circuit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/06 12:41
S98	0	10/122722 and ((readout near circuit) with (output near line))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/06 12:41
S99	1	10/122722 and ((two or four) with (output near line))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/06 12:43

## EAST Search History

S10 0	1	10/122722 and (dark)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/06 12:48
S10 1	123	((two with four) near5 (output near (channel or line))) with (chang\$3 or control\$4 or select\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/06 12:51
S10 2	28	((two with four) near5 (output near (channel or line))) with (chang\$3 or control\$4 or select\$3) and CMOS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/06 12:53
S10 3	9	((two with four) near5 (output near (channel or line))) with (chang\$3 or control\$4 or select\$3) and CMOS and @ad<"20030402"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/06 12:56
S10 4	19	(change near5 (number near3 (output near channel)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/06 13:08
S10 5	0	"6788879".pn. and (stop or interrupt\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/06 13:08
S10 6	0	"6788879".pn. and (pulse)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/06 13:08
S10 7	1591	348/302.ccls. 348/303.ccls. 348/308.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/10 09:48



## EAST Search History

S10 8	1591	S107	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/10 09:48
S10 9	26404914	@ad<"20030402"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/10 09:48
S11 0	26404914	@ad<"20030402"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/10 09:49
S11 1	26404914	@ad<"20030402"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/10 09:50
S11 2	113194	S111 and CMOS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/10 09:50
S11 3	15636	(plurality or multiple or four) near3 ((readout or read\$4out or read or output ) near (line or channel))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/10 09:52
S11 4	4630	(plurality or multiple or four) near3 ((readout or read\$4out or read or output ) near (mode or operation))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/10 09:54
S11 5	16946	(plurality or multiple or four) near3 ((readout or read\$4out or read or output ) near (line or channel or mode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/10 09:55

## EAST Search History

S11 6	7015	((plurality or multiple or four) near3 ((readout or read\$4out or read or output ) near (line or channel or mode))) same (chang\$3 or adjust\$3 or control or control\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/10 09:59
S11 7	308	((plurality or multiple or four) near3 ((readout or read\$4out or read or output ) near (line or channel or mode))) same (chang\$3 or adjust\$3 or control or control\$4)) and "348"/\$.ccls. and @ad<"20030402"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/10 10:01
S11 8	146	((plurality or multiple or four) near3 ((readout or read\$4out or read or output ) near (line or channel or mode))) with (chang\$3 or adjust\$3 or control or control\$4)) and "348"/\$.ccls. and @ad<"20030402"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/10 10:01
S11 9	7	((plurality or multiple or four) near ((readout or read\$4out or read or output ) near (line or channel or mode))) with (chang\$3 or adjust\$3 or control or control\$4)) and "348"/\$.ccls. and CMOS and @ad<"20030402"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/10 10:35
S12 0	33	((plurality or multiple or four) near ((readout or read\$4out or read or output ) near (line or channel or mode))) near5 (chang\$3 or adjust\$3 or control or control\$4)) and "348"/\$.ccls. and @ad<"20030402"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/10 10:42
S12 1	2	"6,833,872".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/10 11:06
S12 2	2	"5,909,243".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/10 11:08

## EAST Search History

S12 3	97	((((plurality or multiple or first or second ) near ((readout or read\$4out or read or output ) near (line or channel or mode))) near5 (chang\$3 or adjust\$3 or control or control\$4)) and "348"/\$.ccls. and @ad<"20030402"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/10 11:10
S12 4	0	((each near ((readout or read\$4out or read or output ) near (line or channel or mode))) with ("same" near color)) and "348"/\$.ccls. and @ad<"20030402"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/10 11:39
S12 5	17	(((((readout or read\$4out or read or output ) near (line or channel or mode))) with ("same" near color)) and "348"/\$.ccls. and @ad<"20030402"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/10 12:07
S12 6	0	(((((readout or read\$4out or read or output ) near (line or channel or mode))) with (use\$3 near3 ((alike or correspond\$3 or cmpatible or consistant or similar or related or associat\$3 or like or "same") near color))) and "348"/\$.ccls. and @ad<"20030402"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/10 13:02
S12 7	1	(((((readout or read\$4out or read or output ) near (line or channel or mode))) with (use\$3 near3 ((alike or correspond\$3 or cmpatible or consistant or similar or related or associat\$3 or like or "same") near color)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/10 13:03
S12 8	0	(((((readout or read\$4out or read or output ) near (line or channel or mode))) same ("same" near color near use\$3 )) and "348"/\$.ccls. and @ad<"20030402"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/10 13:05
S12 9	11	((readout or read\$4out or read or output ) with (use\$3 near3 ((alike or correspond\$3 or cmpatible or consistant or similar or related or associat\$3 or like or "same") near color))) and "348"/\$.ccls. and @ad<"20030402"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/10 13:06

## EAST Search History

S13 0	1	((readout or read\$4out or read or output ) with ("same" near color near use\$3 )) and "348"/\$.ccls. and @ad<"20030402"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/10 13:09
S13 1	2	"4887160".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/10 13:24
S13 2	2	"4827345".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/10 13:30
S13 3	2	"4816910".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/10 13:32
S13 4	2	"4780764".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/10 13:34
S13 5	2	"4737854".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/10 13:35
S13 6	3	("4887160").URPN.	USPAT	OR	ON	2008/02/10 13:36
S13 7	24	("4001878"   "4151553"   "4438457"   "4486783"   "4500914"   "4513313"   "4551758"   "4553159"   "4553167"   "4573076"   "4580160"   "4589026"   "4603354"   "4635122"   "4638352"   "4641183"   "4649430"   "4656503"   "4660090"   "4734589"   "4737854"   "4780764"   "4816910"   "4827345").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/10 13:37

## EAST Search History

S13 8	1	("4001878"   "4151553"   "4438457"   "4486783"   "4500914"   "4513313"   "4551758"   "4553159"   "4553167"   "4573076"   "4580160"   "4589026"   "4603354"   "4635122"   "4638352"   "4641183"   "4649430"   "4656503"   "4660090"   "4734589"   "4737854"   "4780764"   "4816910"   "4827345").PN. and ((first or second) near readout)	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/10 13:38
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